

Zürich, 03.06.2014

Application for Country Representative Position at the European Society of Immunodeficiencies

Dear ESID Junior Committee,

it is my pleasure to submit the present application as Country Representative for Switzerland for the European Society of Immunodeficiencies. Below, I will outline my research interest and why the above-mentioned role would be beneficial for me.

I am Tiziana Lorenzini, MD, PhD, a pediatrician and postdoctoral scientist at the laboratory of Pediatric Immunology, directed by Prof. Jana Pachlopnik Schmid, at the University Children's Hospital of Zurich and University of Zurich. I have obtained my degree in Medicine and Surgery in 2012 at the University of Brescia, Italy. My medical thesis was focused on rare diseases such as pediatric inborn errors of immunity (IEI). This became my main interest throughout my residency in Pediatrics at the University Children's Hospital of Brescia. During that time, I had the opportunity to combine my clinical training with two fellowships in research laboratories (Institute for Molecular Medicine A. Nocivelli of Brescia and Center for Chronic Immunodeficiency of Freiburg, Germany). In 2017, I was awarded with the ESID short-term fellowship that enabled me to extend my permanence in Freiburg under the supervision of Prof. Bodo Grimbacher. In 2018, I had the honour to present my research work during the parallel session of the ESID meeting in Lisbon. Following completion of pediatrics residency in 2018, I pursued a PhD in Immunology at the ETH of Zurich, under the supervision of Prof. Federica Sallusto and Prof. Roland Martin. In 2022, I obtained the title of Doctor of Science at ETH of Zurich. My current position as postdoctoral scientist at the University Children's Hospital of Zurich allows me to apply the clinical and investigative skills acquired during my training.

My research activity is focused on understanding the genetic basis and pathogenic mechanisms of IEI. Toward this end, we use genome and whole exome next generation sequencing technologies. We search for novel causative genes for IEI. Once a gene is confirmed to be disease-causing, we perform mechanistic studies to explore the link between genotype and clinical phenotype. By dissecting the genetic architecture of IEI, we aim to improve patient treatment using targeted approaches.

Given the importance of local and international collaborations in the field of IEI, I expect that being Country Representative for Switzerland for the ESID would enable me to better contribute to the diagnosis and treatment of patients with IEI.

As Country Representative, I will be committed to:

- promote awareness and understanding of IEI within the medical community of Switzerland;
- support ESID's initiatives and contribute to the development of policies and programs that enhance research.

I am confident that my expertise, dedication, and collaborative spirit will make myself a good choice for this role. I am motivated to bring my engagement to ESID and work in line with the society's mission.

I thank you for your kind consideration of this application.

I am looking forward to the possibility of contributing to ESID in this capacity.

Best regards,

Tiziana Lorenzini

